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Spring 2005

## CEG 210-02: PC Networking I

Chris P. Fickert

*Wright State University - Main Campus*, [chris.fickert@wright.edu](mailto:chris.fickert@wright.edu)

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# CEG 210 – Section 02

## PC Networking I

### Spring 2005

**Classroom:** 346 Russ Engineering Center  
**Time:** 5:00PM to 6:40PM – Tuesday & Thursday  
**Credit Hours:** 4  
**CS Dept. Office** 303 Russ Engineering Center  
**CS Dept. Phone** (937)-775-5131

**Required Text:** A Guide to NetWare 6.0 Administration by Ted L. Simpson & Michael T. Simpson. ISBN: 0-619-12037-1

**Prerequisites:** CS205      **Credit Hours:** 4

**Instructor:** Chris Fickert  
**Office:** 040U Library Annex  
**Phone:** (937)-775-4534 (Please leave a voice mail message)  
**E-Mail:** [chris.fickert@wright.edu](mailto:chris.fickert@wright.edu)  
**Web Site:** [www.wright.edu/~chris.fickert](http://www.wright.edu/~chris.fickert)  
**Office Hours:** By Appointment only

**Course Objective** - The objective of the course is to provide an introduction to PC networking hardware, concepts, and technologies with a focus on hardware configuration and LAN administration using in-class, hands-on exercises with Novell NetWare.

**Teaching Methodology** - Teaching methodology includes a combination of lecture, discussion, and assignments based on the material covered in the textbook, class lecture, labs, and class notes. Student's grades will be based on the following 3 elements.

1. **Exams** – There will be 2 Exams and 1 Quiz consisting of a combination of true-false, multiple choices, matching, and essay questions based on the material covered in the lectures, textbook, computer labs, and assignments. **Make up exams will be scheduled ONLY in the case of an extreme, documented emergency. You MUST notify me before the exam is given. There will be no exceptions, please.**
2. **Assignments** – Assignments will be given to emphasize the material covered in the lecture and text. These assignments will be completed on an individual, and occasionally, group basis. These assignments will be graded on their accuracy, thoroughness, and quality. Assignment due dates will be given in class. In the event you are not present, you will be solely responsible for obtaining the assignment and completing it. If an assignment is late, 10% will be deducted for each day it is late (including weekends). You may e-mail assignments to my campus e-mail address. Assignments will be given at the instructor's discretion and therefore attending class is strongly advised. **NO assignment will be accepted if it is more than ONE WEEK past the posted due date.** Assignments may be added or deleted depending on the needs of the class. Please come to class for revisions.
3. **Attendance** - Attendance will be recorded. It may be used subjectively to raise borderline grades. Before you leave the lab, perform a system shutdown and power off the PC and monitor. Make sure to eject your disks.
4. **Final Project** - You will be asked to complete a final project that will incorporate the material learned in the course.

**Grading Structure** – Final grades for this course will be derived from the following structure.

Grade Distribution	
Quiz 1	10%

EXAM 1	25%
EXAM 2 – Final	25%
Lab Assignments	25%
Final Project	15%
<b>Grading Scale</b>	
90-100%	A
80-89%	B
70-79%	C
60-69%	D
59% or below	F

**Violations of Academic Integrity:**

I will follow the Office of Judicial Affairs' Student Guide to Academic Integrity.

[http://www.wright.edu/students/judicial/stu\\_integrity.html](http://www.wright.edu/students/judicial/stu_integrity.html)

**Responsible Use of Computing Equipment:** You are responsible for following the responsible use of computing equipment guidelines. Please refer to <http://www.wright.edu/wrightway/3002.html> for complete information.

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**Important Dates:****2005****Spring Quarter 2005**

March 28, Monday	First Day of Spring Quarter Classes
April 15, Monday	Last Day to Drop a Class Without a Grade
May 13, Monday	Last Day for All Students to Drop a Class With a Grade of W
May 30, Monday	Memorial Day (University Closed)
June 4, Saturday	Last Day of Spring Quarter Classes
June 6-11, Mon-Sat	Final Examinations for Spring Quarter
June 11, Saturday	Graduation

**You will have card access to this lab and may use the lab when there is not another class in session.**

<http://www.cs.wright.edu/cse/students/labschedule.shtml>

**CLASS SCHEDULE AND LABS – (Subject to Change)**

<b>Date</b>	<b>Topic</b>	<b>Text</b>
Mar. 29	Course Overview and Networking Basics	CH. 1, Omit pp 30-35 Lab 1 Handout
Mar. 31	Microcomputer Hardware	CH. 2, Lab 2 Handout, Working with ConsoleOne and NwAdmin
Apr. 5	Designing the Network	CH. 3 Lab 3 Project 3-1 (p. 163)
Apr. 7	Designing the Network	CH. 3 Lab 3 Case 3-1 (p. 165) include pricing for networking interconnection devices
Apr. 12	Directory Services <b>Quiz 1 – CH. 1, 2, 3</b>	CH. 4, Lab 4 Case 4.2

Apr. 14	Directory Services	CH. 7, Lab 7 Case 7.2
Apr. 19	Network File System	CH. 5, Lab 5 Case 5.2
Apr. 21	Installing the Server Operating System	CH. 6, Building Network Lab
Apr. 26	<b>Exam 1 – CH. 1, 2, 3, 4, 5, 6, 7</b>	
Apr. 28	Network File System	CH. 8, Lab 8 Project 8.5 & 8.6
May 3	Managing Users, Groups, and Login Security	CH. 9, Lab 9 Case 9.2
May 5	Managing Users, Groups, and Login Security Managing the NDS Tree & File System Security	CH. 9, Ch. 10 Lab 9 Project 9.10
May 10	Managing the NDS Tree & File System Security Using Trustee Assignments and File Attributes	CH. 10, Lab 10 Case 10.1
May 12	Managing and Controlling the User Desktop Environment	CH. 12, Lab 12 Case 12.1
May 17	Managing and Controlling the User Desktop Environment	CH. 12
May 19	Printing	CH. 11, Lab 11 Handout
May 24	Managing the Network	CH. 13, Final Project
May 26	Web Services and Securing the Network Services	CH. 14, Final Project
May 31	<b>Review</b>	Final Project Due, clean up practice OU delete files and objects
June 2	<b>Exam 3 – CH. 8, 9, 10, 11, 12, 13, 14</b>	
June 7	Final Exam Scheduled 5:45-7:45 PM	To Be Used if Needed